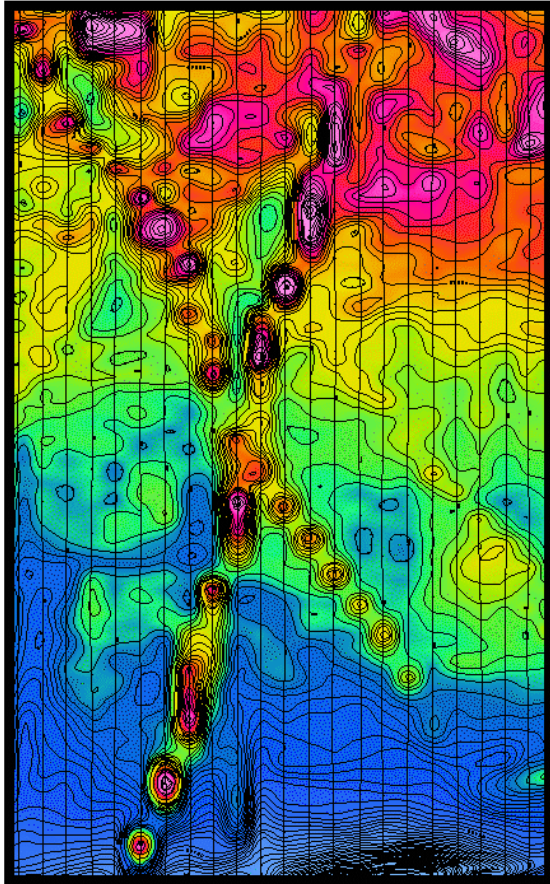


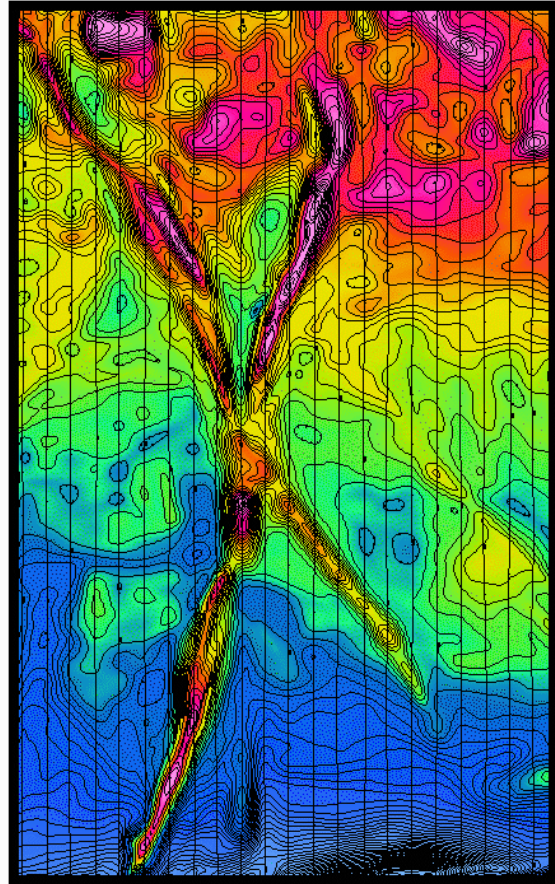
SI-GRID

Strike Interpretive Gridding

The Completely New Gridding Technique by Scott Hogg and Associates Ltd.



CONVENTIONAL



SI-GRID

SI-GRID is a computer gridding process that automatically identifies and protects trends that may continuously vary throughout a map. No longer does one trend direction need to be favoured at the expense of another. The process builds the interpolated data set entirely from the originating profile data and does not employ any smoothing or filtering steps to artificially improve the apparent coherence of the data. The new SI-GRID process can significantly improve the quality of the basic gridded data and all of the interpretive analysis tools that build upon it.

The example above, from Northern Ontario, is an excellent illustration of a geological scenario that is impossible for conventional gridding routines to properly depict. At the left is the typical presentation of a string of circles along strike. By altering grid orientations, one axis could be enhanced but with added discontinuity to the other. The SI-GRID process is able to optimize both axes simultaneously and provides an excellent rendition of each linear feature. Anomaly width and cross sectional detail are clearly presented in map form for proper consideration by the interpreter.

If you have a dataset in which the geological complexity appears to exceed the flight line density and interpolation quality; contact Scott Hogg & Associates Ltd. for a quotation on the SI-GRID process.

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